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Patent
Docket No.: 55271US002 Surles

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

John D. Geissinger, Paul M. Harvey, and
Robert R. Kieschke

Serial No.: 09/491,302

Filed: January 25, 2000

For: ELECTRONIC PACKAGE WITH
INTEGRATED CAPACITOR

Group Art Unit: 2815

Examiner: Paul E. Brock II

AFFIDAVIT UNDER 37 C.F.R. 1.131

Commissioner for Patents
Washington, DC 20231

Dear Sir:

We, John D. Geissinger, Paul M. Harvey, and Robert R. Kieschke, being duly sworn,
individually and jointly, depose and state:

1. We are the Applicants of the patent application identified above.
2. The invention claimed in the above-identified application was completed in the United States of America before November 6, 1997, as set forth in the following facts, evidenced by the attached Exhibit A. Exhibit A is a page from a record of invention showing a construction of a multmetal, multilayer electronic package with an embedded capacitor. The record of invention was signed, witnessed and dated.
3. The Exhibit A shows that the multilayer package with an integrated capacitor was completed prior to the filing date of the reference, U.S. Patent 6,184,567, November 6, 1997.
4. All of the work described in Exhibit A was done at 3M Center in St. Paul, Minnesota, or at 3M Center in Austin, Texas.

The undersigned declare further that all statements made herein of their own knowledge are true and that all statements made on information and belief are believed to be true; and

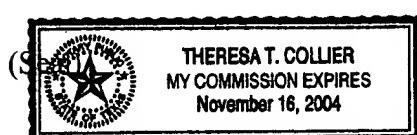
further that these statements have been made with the knowledge that willful, false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful, false statements may jeopardize the validity of the application or patent issuing thereon.

Further Affiants saith not.

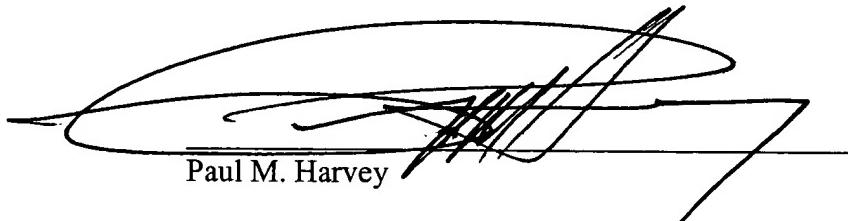
John D. Geissinger
John D. Geissinger

State of TEXAS)
)
County of TRAVIS)

This instrument was acknowledged before me on August 15, 2002 by
John D. Geissinger.



Theresa T. Collier
Notary Public, State of Texas


Paul M. Harvey

State of TEXAS)
)
County of TRAVIS)

This instrument was acknowledged before me on Sept. 13/02 by
Paul M. Harvey.

(Seal)

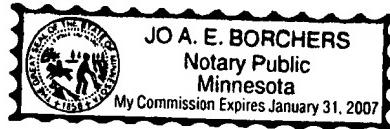
The seal is a stylized signature that looks like "D.P. Fitzpatrick".

Dominique P. Fitzpatrick
Printed Name: _____
Notary Public, State of Texas

Robert Kieschke

Robert R. Kieschke

State of MINNESOTA)
)
County of RAMSEY)



This instrument was acknowledged before me on August 20, 2002 by
Robert R. Kieschke.

(Seal)

JAB

Notary Public, State of Minnesota



R.I. No.

Page

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Title

Simple Multi-Metal Layer Microflex Assemblies for Wire Bond TBGA Applications

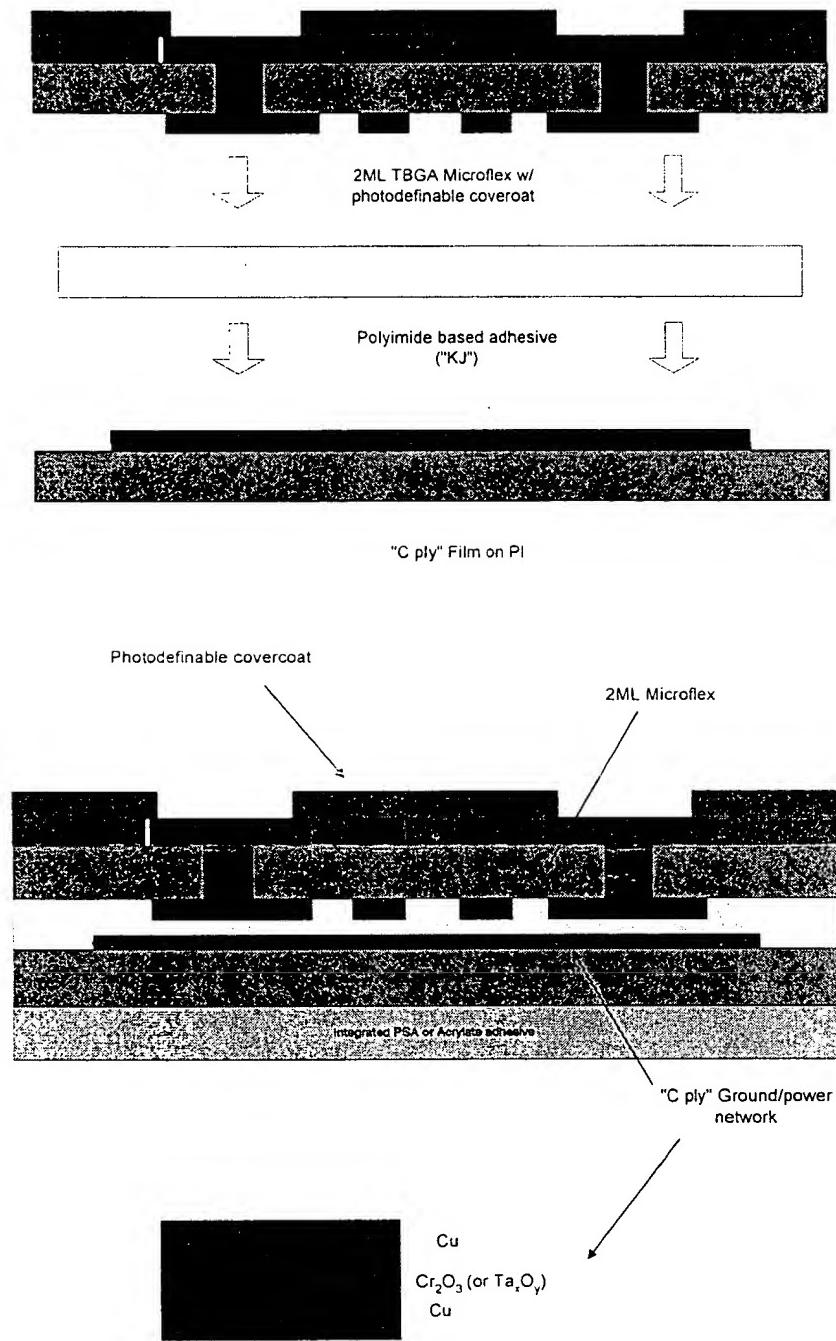


Figure 6: Proposed construction of multi-metal TBGA Microflex incorporating integrated passive structures such as "C-Ply".